#### Closing of 1ZO.

#### Statement by Manager

WE have received the following letter from the manager of Station 1ZQ in regard to the closure applied by the Minister:-

it seems that you have been misinformed as to the situation, and it is due to me to give the correct position which I hope you will publish.

"The Auckland B Class Station 1ZR, which was advertising largely through the day and evening sessions. which I believe can claim to be the first Class Station in New Zealand to issue a schedule of prices for broadcast advertising, was not closed nor was any notice taken of it until 1ZQ was closed; while 1ZQ, which is the oldest B Class Station in New Zealand, was closed because it was the control of the control of the control of the case of the control of the case of was closed because it mentioned only its own name (Keith's Radioshack) and the name of the firm supplying it with gramophone records. These announcements have been made from all B Class Stations in New Zealand, as every listener knows, and are necessary if records are to be obtained for programmes.

"It seems strange that one only of the stations making such announcements should have been closed, while the station which made a feature of advertising a number of Auckland business houses should not have been closed; also it seems strange that other B Class Stations are still making announcements of their own name and also the names of firms supplying them with records.

"It seems strange that such action should have been taken, as almost at the same time the Hon. J. B. Donald made the statement permitting sponsored programmes.

"I have all the correspondence between Broadcast Station 1ZQ and the P. and T. Department, as well as a copy of most of the advertising anounce-ments made by other B Class Stations throughout New Zealand, and think the whole matter strange.

"When the Minister, the Hon. J. B. Donald, was interviewed on the subject, he refused to discuss the matter.

"The above statement is absolutely correct as I can prove, and in fairness to myself and 1ZQ I should be obliged iff you will publish it.—Thanking you in anticipation.

ROY KEITH. Manager Broadcast Station 1ZQ:

Auckland station had been closed because of using advertising matter. We had no information as to the type of matter complained of. We certainly agree on the fundamental principle that one ruling should apply to all and no unfairness should operate against any one station.-Ed.]

## Shortwave Club Meeting

### Some Interesting Questions

THE monthly meeting of the Short-hand capacity disappeared. counted for the absence of many.

up the French station which many appear.

#### DX Notepaper

DX'ers! Write for that verification on D.X. notepaper and avoid missing out important details. Takes a quarter of the time to write out, too. Obtainable from P.O. Box 1032, Wellington, in two-dozen lots (minimum order), price 1/6, or six dozen for 4/-, post free.

members had reported but could not identify.

The chairman, Mr. R. Spence, renarked that a member of the society, Mr. G. R. McCarthy, was at the present time in hospital in a serious condition. A vote of sympathy was passed by the meeting with best wishes for a speedy recovery.

The evening was one set aside for "Questions Night," to be conducted by Mr. McCarthy and Mr. Roy Clark. In the absence of the former, Mr. Clark answered the questions himself.

For a few minutes, Mr. Smith. of the "Radio Record," spoke on the calculation of time.

Mr. Clark's conduct of the queries proved to be interesting and enlighten-

Without notes or preparation, Mr. Clark took his place in front of the meeting, who asked him all manner of questions. To these he gave a very full explanation, at times with blackboard illustrations.

Probably the most interesting query was one on hand capacity. A member stated that he had been troubled with this and had tried all the usual methods to overcome it. The set was completely shielded, and the returns from all coudensers were earthed. A screen-grid valve was used, and it was completely [Our information simply was that an grid-leak and condensers had been varied. The leads to the batteries were LOFTIN-WHITE AMPLIFIERS Stewart Hardware Ltd., short and direct. Mr. Clark, in reply, stated that with hand apacity it was rarely as difficult to eliminate as this. Usually when the moving plates of the condensers were earthed and the battery leads kept down to a minimum,

wave Club held on Thursday, June case it would seem that the only thing "Regarding your notice of the closing 25, was only moderately attended that could be done was the erection of of an Auckland B Class Station for However, the weather was anything a false panel. In front of the ordinary advertising in your issue of the 26 inst. but favourable, and this probably ac-panel another metal shield should be erected and the condenser shafts ex-The reception of letters and routine tended until they could be fitted on fo business was proceeded with. The most this. The two panels should be separinteresting letter was one from a mem- ated by two inches. If this panel were many people had put in pentodes and ber in Hawke's Bay, who had cleared earthed, all hand capacity must dis-

Speaking of battery leads raised another question. "Would it be of advantage to shorten my battery leads? They are now three feet long." Clark, in answering this question, pointed out that the "C" battery leads were a continuation of the grid return, and if these were long not only would selectivity be impaired, but the set was prone to oscillation and similar was made that at some time in the troubles. "It is advisable," said the future he bring along a typical shortlecturer, "to keep the 'C' batteries within the set, for by this means the 'C' battery leads can be kept down to a minimum. trouble arises through long, straggling leads, even although these be enclosed in a battery cable." If an eliminator was used, it must be shielded, and under these circumstances can be placed within a foot or so of the set.

Clark remarked that it was a bad practice to coat short-wave colls with "dope" or celluloid cement. "It quite spoils selectivity and will broaden the bands out too much," he said.

Another rather difficult problem was raised by a member who had a superheterodyne broadcast receiver. He had heen sold a super-heterodyne converter on the understanding that this would fit in front of the ordinary super-

heterodyne, but coupled up in this way it would not work. When it was con-nected to the grid of the first intermediate frequency, it worked well. The lecturer said it was rather hard to account for. Of course, a double oscillating process was taking place in the converter and in the set, and under the circumstances he thought it advisable to connect the converter where it was now being connected. No harm could be done, and if the set was giving satisfaction the matter could be left at that.

Another complained that his set was not giving enough lift, although everything seemed to be in order. Mr. Clark remarked that a pentode would probably have the desired effect. not had satisfaction, although he had found them particularly good. A pentode must not follow a stage of audio, but if coming immediately after the detector would have the effect of two stages of audio. It goes best if coupled in a specially matched output unit. It is a valve with which very good results can be had on short-wave.

At the end of his lecture, Mr. Clark was cordially thanked, and a request was made that at some time in the wave set and explain to members the points to look for in constructing a ds can be kept down to a short-wave receiver. Mr. Clark said: A very great amount of he would do his best to comply with this request.

#### Broadcasting in Bulgaria

In reply to a question on coils, Mr. IN Bulgaria radio has been strongly discouraged, and there is yet no indication of any appreciable advancement during the next few years. All the means of communication, such as railways, telephones, telegraphs, and wireless stations are monopolies of the Government, which will not permit the private construction or operation of radio broadcasting or receiving sta-

# RADIO DIRECTORY

## What to Buy and Where

#### CITIES.

ACE & HAMMARLUND SETS, Johns, Ltd. WESTINGHOUSE

Rectifiers Chancery Street, Auckland.

BURGESS RADIO BATTERIES, All Radio Dealers.

Courtenay Place, Wellington.

MULLARD VALVES ...... All Radio Dealers.

RADIOLA RECEIVERS and Farmers' Trading Co., Ltd., Expert Radiola Service ..... Hobson Street, Auckland.

AND EX- 4ZW, Dunedin. **RADIO** SALES CHANGE, LTD. ..... SERVICE WORK FOR ALL RADIOS.

COUNTRY TOWNS.

PHILIPS VALVES AND APPARATUS ..... All Good Radio Dealers.

Kingsford Smith uses Burgess Batteries. Commander Byrd uses Burgess. More Burgess Batteries are sold in New Zealand than any Why? other make.

BURGESS RADIO BATTERIES